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丽盲蝽属一新种
(半翅目：盲蝽科)

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本文记述产于甘肃的丽盲蝽属 *Lygocoris* Reuter 新丽盲蝽亚属 (subg. *Neolygus*) 一新种[1~3]。模式标本保存在南开大学生物系。文中量度单位为 mm。

宽顶新丽盲蝽 *Lygocoris* (*Neolygus*) *lativerticis* Lu，新种

体长卵形，绿至黄绿，具光泽；体背密被金黄柔毛。头垂直，黄绿至黄褐，具直立稀疏毛。头顶相对宽，头顶与头宽比雄虫为 0.34，雌虫为 0.38；具浅的中纵沟；中叶端部 1/4～1/3 深褐色。触角第一节及第二节基部 3/5～5/6 黄褐，其余深褐。喙黄褐色，第四节端部 1/3～1/2 深褐，伸达 (有时超过) 后足基节末端。前胸背板暗绿色，胝及其前部以及领的颜色略浅。小盾片浅绿至浓绿色，具横皱。革片绿色，端部内角具一褐色斑，雄虫斑稍大，雌虫斑较小，有时消失。爪片绿色。楔片黄绿色，长为基部宽的 2.5 倍。膜片浅灰至烟褐色，翅室内外各有一深色斑。体腹面及足绿色至黄绿色；后足腿节近端部具两个模糊的暗色环，有时消失；胫节近端部及第一、二跗节黄褐色，第三跗节黑褐色；胫刺浅褐色，其基部小突起深褐色。

雄性生殖器 (图 1～4)：左抱器感觉叶端部凸出明显，右抱器感觉叶略凸出；顶突狭三角形，与抱器体近于垂直；抱器体粗壮。阳茎端针突相对较短，轻度弯曲；叶状骨片长，向端渐粗大，指向一侧，近端部具一膜质区域，端部狭尖；锉叶端部 1/3 具刺；环状骨片明显，中骨叶发达；最左端膜叶近于三角形，表面密布微刺；导精管膨大，近长筒形。

雌性生殖器 (图 5～6)：骨化环见图 5。交配囊后壁的侧叶极宽；中突梨形，部分被侧叶遮盖。

量度：体长 5.7～7.0，宽 2.1～2.6；头长 0.25，宽 1.05；触角各节长度依次为 0.46 ∶ 2.04 ∶ 0.95 ∶ 0.82；前胸背板长 0.88，宽 1.94；革片长 2.60～2.84；爪片接合缝长 1.10；楔片长 1.22。

正模♂，甘肃榆中兴隆山，海拔 2 200～2 300 m，1993.Ⅶ.31，吕楠采。副模：2♂♂ 10♀♀，同正模；1♀，同正模，1993.Ⅶ.29；2♂♂，同正模，1993.Ⅶ.30，吕楠、卜文俊采；7♀♀，同正模，1993.Ⅷ.1；4♂♂ 10♀♀，甘肃榆中麻家寺，海拔 2 200 m，1993.Ⅷ.4，吕楠、卜文俊采；1♂，同正模，1992.Ⅷ.7，兴隆山自然保护区管理局采；1♀，同正模，1992.Ⅶ.29，兴隆山自然保护区管理局采。

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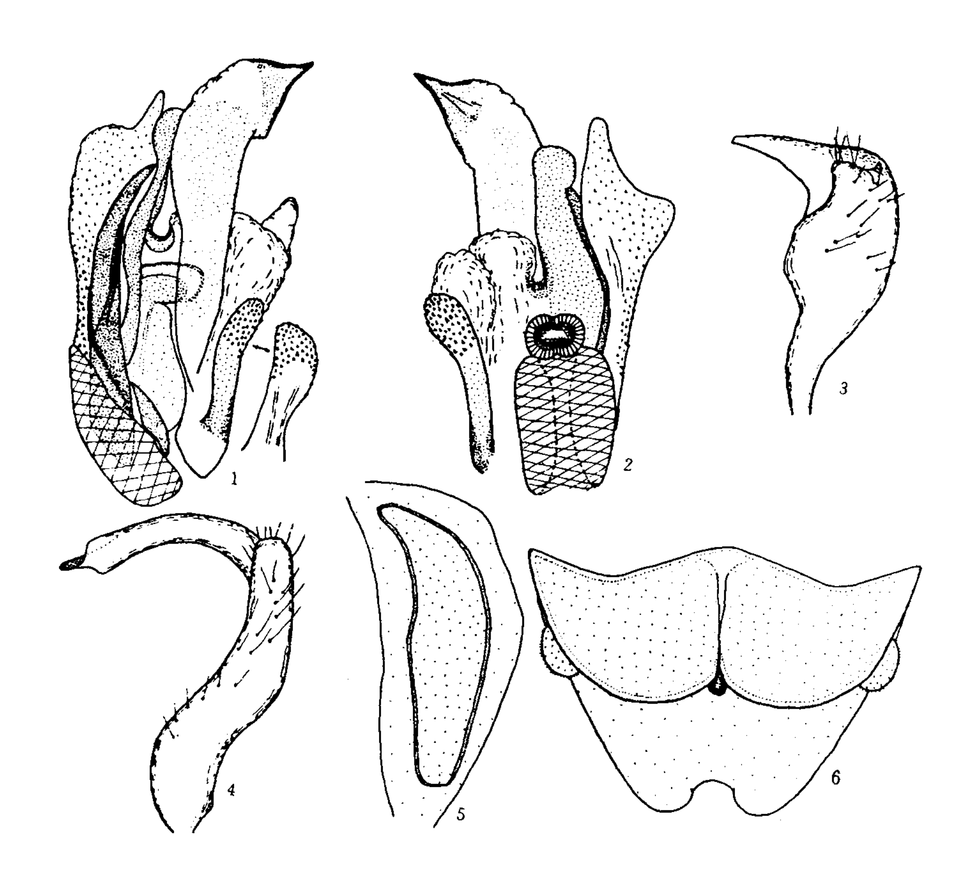


图 1～6 宽顶新丽盲蝽 *Lygocoris*（*Neolygus*）*lativerticis* Lu，sp. nov.

1. 阳茎端腹面观；2. 阳茎端背面观；3. 右抱器；4. 左抱器；5. 雌性骨化环；6. 雌性交配囊后壁

本种在个体大小、颜色、革片上的斑等方面均与 *Lygocoris*（*Neolygus*）*honshuensis*（Linnavuori，1961）相似，但可根据较宽的头顶、均一绿色的爪片、较窄的楔片、不同的右抱器形状以及不同的阳茎端构造与后者相区别。

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A NEW SPECIES OF THE GENUS *LYGOCORIS* REUTER FROM GANSU, CHINA (HETEROPTERA: MIRIDAE)

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Abstract In the present paper, a new species of genus *Lygocoris* Reuter from Gansu Province is described. Type specimens are all deposited in the Department of Biology, Nankai University.

***Lygocoris* (*Neolygus*) *lativerticis* Lu, sp. nov.** (figs. 1～6)

Measurements (in mm): Body length 5.7～7.0, maximal width 2.1～2.6. Head length 0.25, width 1.05; antennal segments lengths: 0.46 : 2.04 : 0.95 : 0.82. Pronotum length 0.88, basal width 1.94; corium length 2.60～2.84; cuneus length 1.22; commissure length 1.10.

Body oblong-oval, green to yellowish green, with a small dark spot at apical inner corner of corium; dorsal surface with dense pubescence, subshining.

Head vertical; vertex relatively wide, 0.34 times as wide as head in male, 0.38 times in female; apical 1/4～1/3 of tylus dark brown. Antennae dark brown, segment I and basal 3/5～5/6 of segment II yellowish brown. Rostrum yellowish brown except for apical 1/3～1/2 of segment IV dark brown, reaching or extending beyond hind coxa.

Pronotum green, collar, calli and sometimes area anterior to calli yellowish. Scutellum green, rugose.

Male genitalia (figs. 1～4): Sensory lobe of right paramere with a tumid protuberance, hypophysis narrowly triangular. Vesical spicule relatively short, bending slightly at apical 1/3; lobal sclerite long, with a narrow and pointed apex, with a membranous region subapically.

Female genitalia (figs. 5～6): Sclerotized rings as in fig. 5. Lateral lobes of posterior wall of bursa copulatrix very broad; median process water drop-shaped, partly overlapped by lateral lobes.

Holotype: ♂, Gansu Province [Yuzhong County: Mt. Xinglong (N 35.8, E 104.2), 2 200～2 300 m alt.], July. 31, 1993, N. Lu leg.. Paratypes: 2♂♂ 10♀♀, same data as holotype; 1♀, same data, July. 29, 1993; 2♂♂, same locality, July. 30, 1993, N. Lu & W. -j. Bu leg.; 7♀♀, same data, July. 30, 1993; 1♂, same da-

ta, Aug. 1, 1993; 1♂, same locality, Aug. 7, 1992; 1♀, same locality, July. 29, 1992; 4♂♂ 10♀♀, Gansu Province (Yuzhong County, Majiasi (N 35.9, E 104.2), 2 200 m alt.), Aug. 4, 1993, N. Lu & W. -j. Bu leg..

Remarks: This species is allied to *Lygocoris* (*Neolygus*) *honshuensis* (Linnavuori, 1961), but differs from the latter in wider vertex, green clavus, narrower cuneus, different right paramere and different vesical structure.